

DQ Special Specifications - (0.86 E.A.R.)

DIAMETER		HUB DIMENSIONS (INCHES)			STANDARD TAPER BORE (INCHES)			MAXIMUM BLADE WIDTH (INCHES)	EXPANDED AREA PER BLADE (SQ. IN)	APPROX. NET WEIGHT (LBS.)	*WR ² (LBS.-IN ²)
INCHES	MM / M	AFT END	FORWARD END	LENGTH	MINIMUM BORE	MAXIMUM BORE	PILOT BORE				
32	813	4-1/4	4-7/8	full taper	2	3	2	15-11/16	173.1	128	8,250
34	864	4-1/2	5-1/8	full taper	2-1/4	3	2-1/4	16-11/16	196.3	152	11,150
36	914	4-7/8	5-9/16	full taper	2-3/4	3-1/2	2-3/4	17-11/16	219.5	184	14,850
38	965	4-7/8	5-9/16	full taper	2-3/4	3-1/2	2-3/4	18-5/8	245.5	207	19,270
40	1,016	4-7/8	5-11/16	full taper	3	3-3/4	3	19-5/8	271.6	233	24,710
42	1,067	5-3/8	6	full taper	3	4	3	20-5/8	298.8	275	31,620
44	1,118	5-3/8	6	full taper	3	4-1/4	3	21-9/16	328.5	300	39,630
46	1,168	6	6-3/4	full taper	3	4-1/2	3	22-9/16	359.6	352	46,690
48	1,219	6	6-3/4	full taper	3	4-1/2	3	23-3/8	387.5	390	61,190
50	1,270	6-3/4	7-1/2	full taper	3	5	3	24-7/16	420.5	460	75,570
52	1,321	6-3/4	7-1/2	full taper	3	5	3	25-7/16	456.2	505	91,460
54	1,372	6-3/4	7-1/2	full taper	3	5	3	26-7/16	493.3	552	109,740
56	1,422	6-3/4	7-1/2	full taper	3	5	3	27-3/8	531.9	604	131,130

*WR² = ±10% in Air (inch squared lbs.)

Notes:

1. Mass moment of inertia properties calculated using minimum standard bore.
2. Mass moment of inertia properties calculated using bronze.
3. Some DQ Specials have blade area other than 0.86.

Dura-Quad Specifications - (0.76 E.A.R.)

DIAMETER		HUB DIMENSIONS (INCHES)			STANDARD TAPER BORE (INCHES)				MAXIMUM BLADE WIDTH (INCHES)	EXPANDED AREA PER BLADE (SQ. IN)	APPROX. NET WEIGHT (LBS.)	*WR ² (LBS.-IN ²)
INCHES	MM / M	AFT END	FORWARD END	LENGTH	MINIMUM BORE	MAXIMUM BORE	PILOT BORE	PILOT S.E. DIAMETER				
24	610	3	3-3/8	6	1-1/2	2	1-1/2	1.172	10-7/16	85.5	52	1,780
26	660	3-3/8	3-7/8	6-3/4	1-3/4	2-1/4	1-3/4	1.375	11-5/16	99.9	67	2,650
28	711	3-3/4	4-1/4	7-1/2	2	2-1/2	2	1.578	12-3/16	115.7	85	3,830
30	762	4-1/4	4-7/8	9	2	3	2	1.531	13-1/16	132.1	113	5,420
32	813	4-1/4	4-7/8	9	2	3	2	1.531	13-15/16	151.1	129	7,420
34	864	4-1/4	4-7/8	9	2	3	2	1.531	14-13/16	171.4	148	9,980
36	914	4-5/8	5-1/4	10-1/2	2-3/4	3-1/2	2-3/4	2.164	15-5/8	191.8	176	13,260

*WR² = ±10% in Air (inch squared lbs.)

Pac-Master Specifications- (0.69 E.A.R.)

DIAMETER		ROTATION	HUB DIMENSIONS (INCHES)			STANDARD TAPER BORE (INCHES)			MAXIMUM BLADE WIDTH (INCHES)	EXPANDED AREA PER BLADE (SQ. IN)	APPROX. NET WEIGHT (LBS.)	*WR ² (LBS.-IN ²)
INCHES			AFT END	FORWARD END	LENGTH	MINIMUM BORE	MAXIMUM BORE	PILOT BORE				
20 x 18		R	2-3/4	3	4-1/2	1-1/2	1-3/4	1-1/2	8-1/16	54.2	26	627
20 x 20		R	2-3/4	3	4-1/2	1-1/2	1-3/4	1-1/2	8-1/16	54.2	26	627
22 x 18		R	3	3-1/4	4-7/8	1-3/4	2	1-3/4	8-7/8	65.5	34	1,003
22 x 20		R	3	3-1/4	4-7/8	1-3/4	2	1-3/4	8-7/8	65.5	34	1,003
22 x 22		R	3	3-1/4	4-7/8	1-3/4	2	1-3/4	8-7/8	65.5	34	1,003
24 x 20		R & L	3-3/8	3-3/4	5-3/4	2	2-1/4	2	9-11/16	77.8	46	1,545
24 x 22		R & L	3-3/8	3-3/4	5-3/4	2	2-1/4	2	9-11/16	77.8	46	1,545
24 x 24		R & L	3-3/8	3-3/4	5-3/4	2	2-1/4	2	9-11/16	77.8	46	1,545
26 x 20		R & L	3-7/8	4-1/4	6	2	2-1/2	2	10-1/2	90.9	61	2,302
26 x 22		R & L	3-7/8	4-1/4	6	2	2-1/2	2	10-1/2	90.9	61	2,302
26 x 24		R & L	3-7/8	4-1/4	6	2	2-1/2	2	10-1/2	90.9	61	2,302
26 x 26		R & L	3-7/8	4-1/4	6	2	2-1/2	2	10-1/2	90.9	61	2,302
26 x 30		R & L	3-7/8	4-1/4	6	2	2-1/2	2	10-1/2	90.9	61	2,302
28 x 26		R & L	3-7/8	4-1/4	6	2	2-1/2	3	11-1/4	106.2	72	3,303
28 x 28		R & L	3-7/8	4-1/4	6	2	2-1/2	3	11-1/4	106.2	72	3,303
30 x 20		R	3-7/8	4-1/4	6-1/2	2	2-1/2	3	12-1/16	122.5	85	4,633
30 x 28		R & L	3-7/8	4-1/4	6-1/2	2	2-1/2	3	12-1/16	122.5	85	4,633
30 x 30		R	3-7/8	4-1/4	6-1/2	2	2-1/2	3	12-1/16	122.5	85	4,633

*WR² = ±10% in Air (inch squared lbs.)

M.W.R. = 0.326 B.T.F. = 0.060

Odd diameter & pitch within 2" of listed are quoted on request.